Product name:	Product code:
Light Weight Deflectometer for Pavement Subgrade Stiffness	CMI-IND-0054

Description

Portable falling weight deflectometer measuring the dynamic deformation modulus of subgrade, sub-base and base layers without a reaction load. Used in highway and airfield construction for compaction control.

Technical specification

- Loading plate with sensor
- Drop weight and guide rod
- Handheld controller

A guided drop weight loads a 300 mm plate through a buffer, and a velocity sensor records settlement for modulus calculation. Results are available in minutes and need no reaction load. It suits site control of earthwork and granular layers.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- 10 kg falling mass with 700 mm drop height
- 300 mm loading plate with central geophone
- Dynamic modulus Evd displayed in MPa
- Bluetooth data link to handheld unit
- Portable weight under 30 kg total

Technical Specifications

Falling weight	10 kg
Plate diameter	300 mm (150 and 200 mm optional)
Peak load	7.07 kN
Modulus range	10 to 225 MPa
Load pulse	17 +/- 1.5 ms
Standards	ASTM E2835, TP BF-StB Part B 8.3
Power	Rechargeable battery

Standard Accessories